

# Converting Colors

Hex(8D83DD)

Have a look what the booklet for  
Hex(8D83DD) contains.

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# Color

**Hex(8D83DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8D83DD
RGB	141, 131, 221
RGB Percent	55%, 51%, 87%
CMY	0.4471, 0.4863, 0.1333
CMYK	0.36, 0.41, 0.00, 0.13
HSL	247°, 57%, 69%
HSV	247°, 41%, 87%
XYZ	32.1519, 27.1158, 71.9459
YIQ	144.2500, -22.9300, 30.1100

# Conversions

## Conversions Part 2

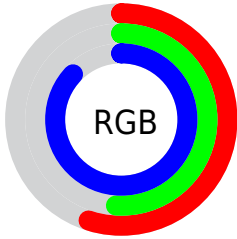
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	141, 131, 221
Decimal	9274333
CIE <sub>Lab</sub>	59.08, 24.76, -44.75
CIE <sub>LCh</sub>	59, 51.141, 298.955
Yxy	27.1158, 0.2450, 0.2067
Android (android.graphics.Color)	4287464413 (0xFF8D83DD)
YUV	144.2500, 37.8377, -2.8502
Hunter-Lab	52.0728, 19.0860, -45.4665

# Details

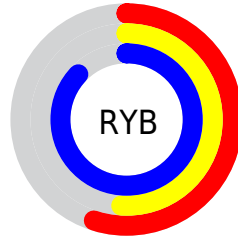
The Hex color **8D83DD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **D3DD83**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **C5B8FF**, and **5752A5** is the 20% darker color. If you saturate the color by 10%, you get **796DDD**, and if you desaturate by 10%, it is **A199DD**.

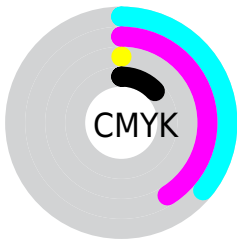
# Distribution



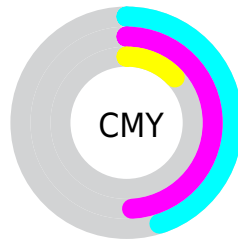
- Red (55%)
- Green (51%)
- Blue (87%)



- Red (55%)
- Yellow (51%)
- Blue (87%)



- Cyan (36%)
- Magenta (41%)
- Yellow (0%)
- Black (13%)



- Cyan (45%)
- Magenta (49%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D83DD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8D83DD by changing the saturation by 10% instead.



8D83DD

8D83DD

FFFFFF

726AC1

C5B8FF

5752A5

E2D4FF

3B3A8B

FFF0FF

1E2571

001158

000040

000329

000113

000000

■ 8D83DD

■ 8D83DD

■ 796DDD

■ A199DD

■ 6657DD

■ B4AFDD

■ 5241DD

■ C8C5DD

■ 3E2BDD

■ DCDBDD

■ 2B15DD

■ EFF2DD

■ 1900DD

■ FFFFDD

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1C94E8



8D83DD



C371BD

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8D83DD



CB7A41



00A48B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8D83DD



D3DD83

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3EA05E



8D83DD



A88B2F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8D83DD



DF6B65



7B983B



00A4B8

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8D83DD



D868A1



7B983B



00A37B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8D83DD



E4E0FF



83D4DD



706E80



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8D83DD



9082FF



B983DD



64636E



1300AD



05002E



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DD83D3



FF82F1



A7DD83



6E636C



AD009A

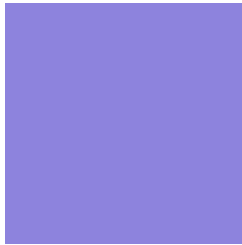


2E0029



# Previews

## White Background



This preview shows how the Hex color 8D83DD looks on a white background.

## Color Contrast Check

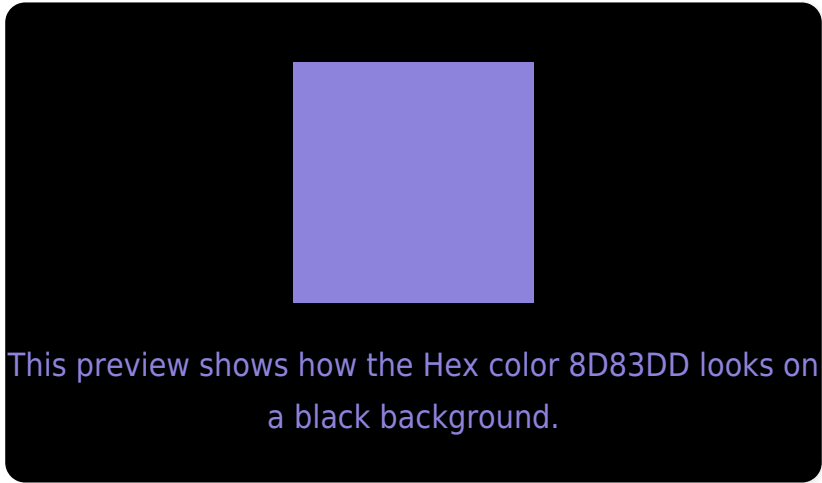
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

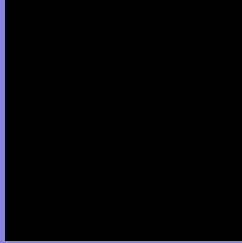
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8D83DD Background



This preview shows how black text looks on a background with the Hex color 8D83DD.

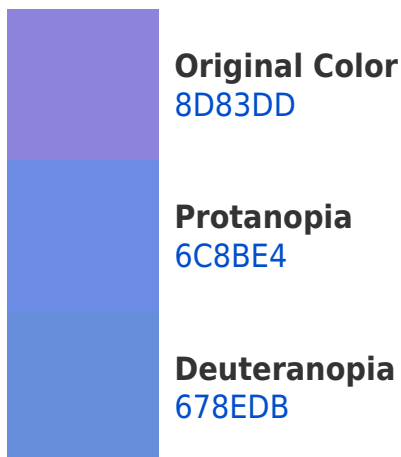


This preview shows how white text looks on a background with the Hex color 8D83DD.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

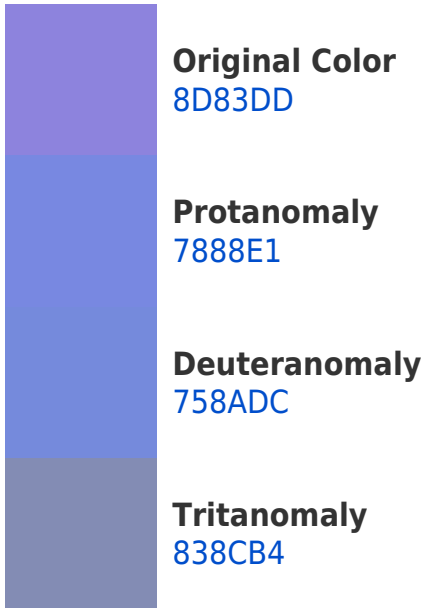
## Dichromacy



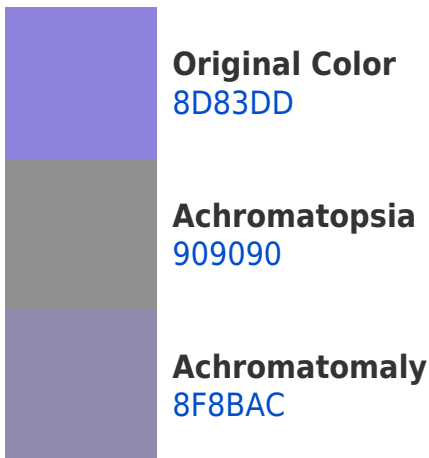


**Tritanopia**  
7E919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D83DD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8D83DD looks like.

```
.text, #text, p{  
    color:#8D83DD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8D83DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D83DD
}
```

## Border

The CSS property to change the border of an element to Hex 8D83DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D83DD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8D83DD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8D83DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D83DD; -webkit-box-shadow:4px 4px  
4px 4px #8D83DD; box-shadow:4px 4px 4px  
4px #8D83DD }
```

# Background

The CSS property to change the background color of an element to Hex 8D83DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D83DD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8D83DD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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